

Title (en)

CHARGING CIRCUIT FOR CHARGER, CHARGING CIRCUIT FOR MOBILE TERMINAL, CHARGER, AND MOBILE TERMINAL

Title (de)

LADESCHALTUNG FÜR LADEGERÄT, LADESCHALTUNG FÜR EIN MOBILES ENDGERÄT, LADEVORRICHTUNG UND MOBILES ENDGERÄT

Title (fr)

CIRCUIT DE CHARGE POUR CHARGEUR, CIRCUIT DE CHARGE POUR TERMINAL MOBILE, CHARGEUR ET TERMINAL MOBILE

Publication

EP 3467992 A4 20200212 (EN)

Application

EP 17842714 A 20170712

Priority

- CN 201610703744 A 20160822
- CN 2017092551 W 20170712

Abstract (en)

[origin: EP3467992A1] The present disclosure provides a charger charging circuit, a mobile terminal charging circuit, a charger and a mobile terminal. The charger charging circuit includes: a voltage conversion circuit configured to convert an alternating current into a direct current and be connected with an alternating current charging power supply; a first charging interface configured to be connected with a second charging interface of a mobile terminal, where the first charging interface includes a voltage output end coupled with the voltage conversion circuit and a plurality of first data transmission ends; and a first control circuit. An end of the first control circuit is coupled with the voltage conversion circuit; and another end of the first control circuit is coupled with at least one of the first data transmission ends.

IPC 8 full level

H02J 7/04 (2006.01)

CPC (source: CN EP US)

H02J 7/0013 (2013.01 - US); **H02J 7/00714** (2020.01 - EP US); **H02J 7/02** (2013.01 - US); **H02J 7/04** (2013.01 - EP US); **H02J 7/045** (2023.08 - CN); **H02J 7/00** (2013.01 - US); **H02J 7/00034** (2020.01 - EP US); **H02J 2207/20** (2020.01 - EP US); **H02J 2207/30** (2020.01 - EP US)

Citation (search report)

- [X] US 2015303724 A1 20151022 - LIN YI-CHUAN [TW], et al
- [X] US 2015002079 A1 20150101 - JEONG CHANG-HOON [KR], et al
- [X] EP 2315335 A2 20110427 - LG ELECTRONICS [KR]
- [X] WO 2015113336 A1 20150806 - GUANGDONG OPPO MOBILE TELECOMM [CN]
- [X] EP 2854253 A1 20150401 - XIAOMI INC [CN]
- [X] CN 205193796 U 20160427 - WUXI ZGMICRO ELECTRONIC CO LTD & EP 3101754 A1 20161207 - GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP LTD [CN]
- See references of WO 2018036291A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3467992 A1 20190410; **EP 3467992 A4 20200212**; CN 106230083 A 20161214; CN 106230083 B 20181204; US 10862331 B2 20201208; US 2019148972 A1 20190516; WO 2018036291 A1 20180301

DOCDB simple family (application)

EP 17842714 A 20170712; CN 201610703744 A 20160822; CN 2017092551 W 20170712; US 201716315952 A 20170712